



#209M  
7.12.83

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Attn: **BOX RCE**  
Mitsuaki OSHIMA et al. : Docket No. 2000\_1328  
Serial No. 09/672,946 : Group Art Unit 2634  
Filed September 29, 2000 : Examiner A. Le  
**COMMUNICATION SYSTEM** : **Confirmation No. 7022**

**SUBMISSION OF FORMAL DRAWINGS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

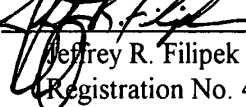
THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Sir:

Submitted herewith are 13 sheets of formal (8½ x 11) drawings (Figs. 2, 10, 17, 29, 48, 65, 67, 93, 112, 131, 138, 144, and 169) incorporating the changes included in the Letter Re Proposed Drawing Amendments filed concurrently herewith.

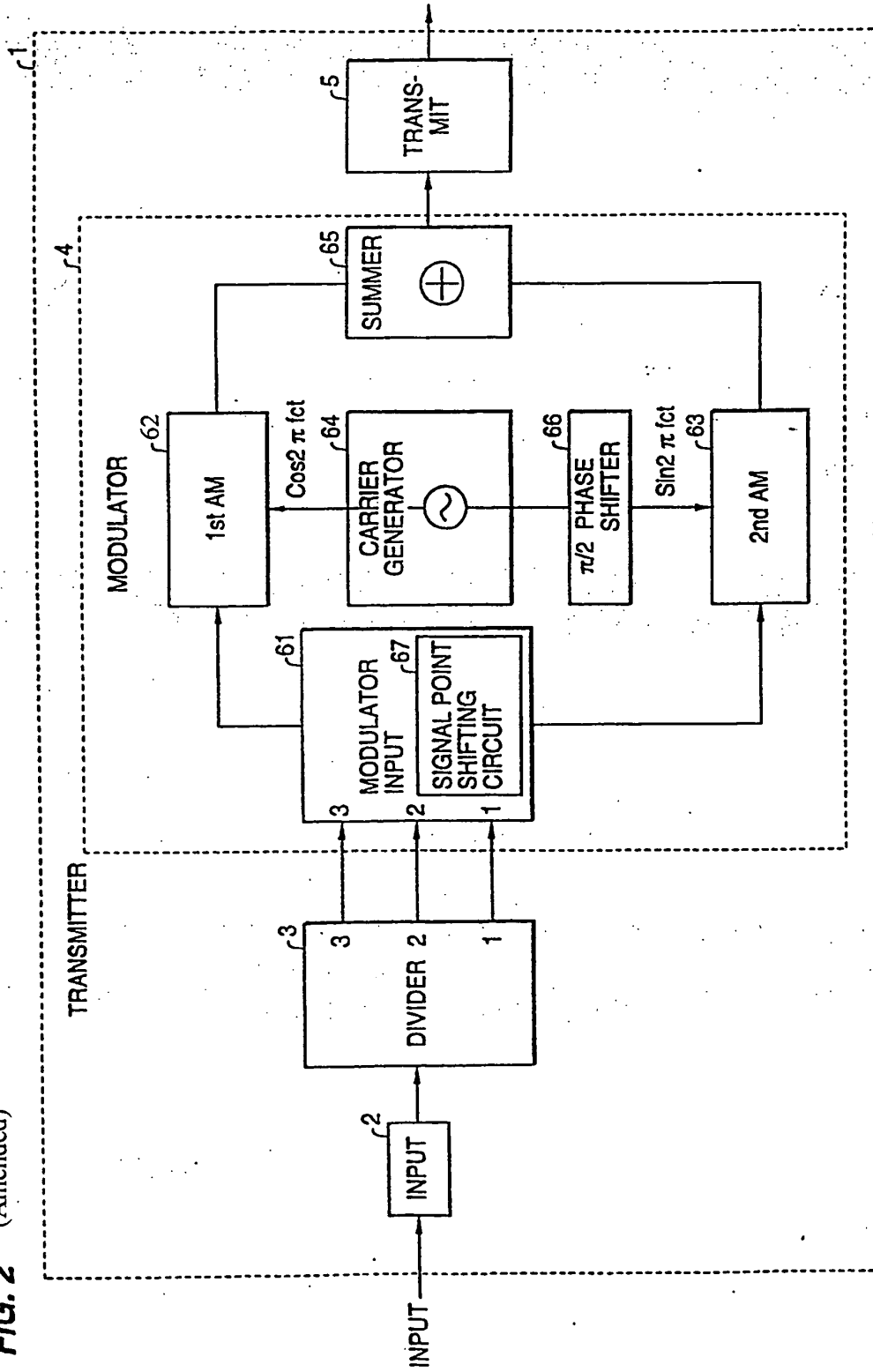
Respectfully submitted,

Mitsuaki OSHIMA et al.

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August 27, 2003

FIG. 2 (Amended)



**FIG. 10** (Amended)

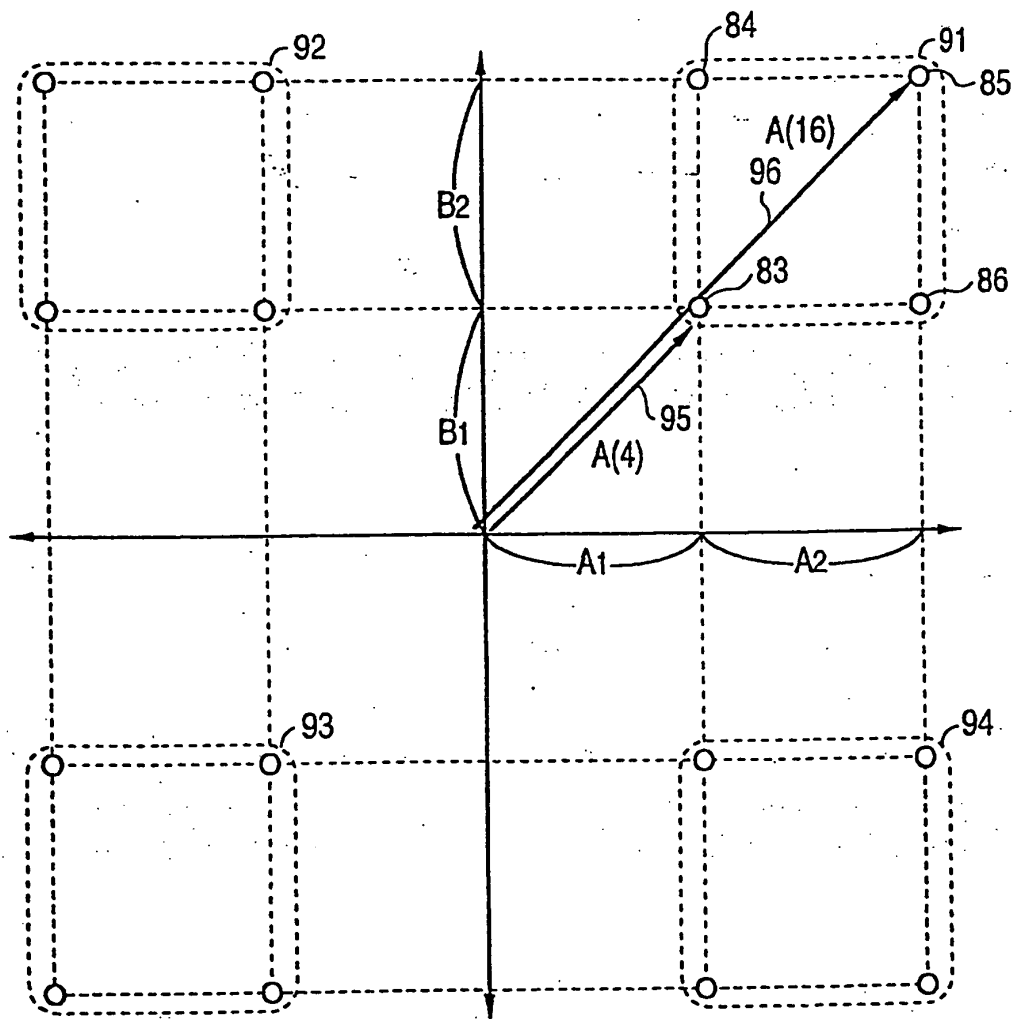




FIG. 17 (Amended)

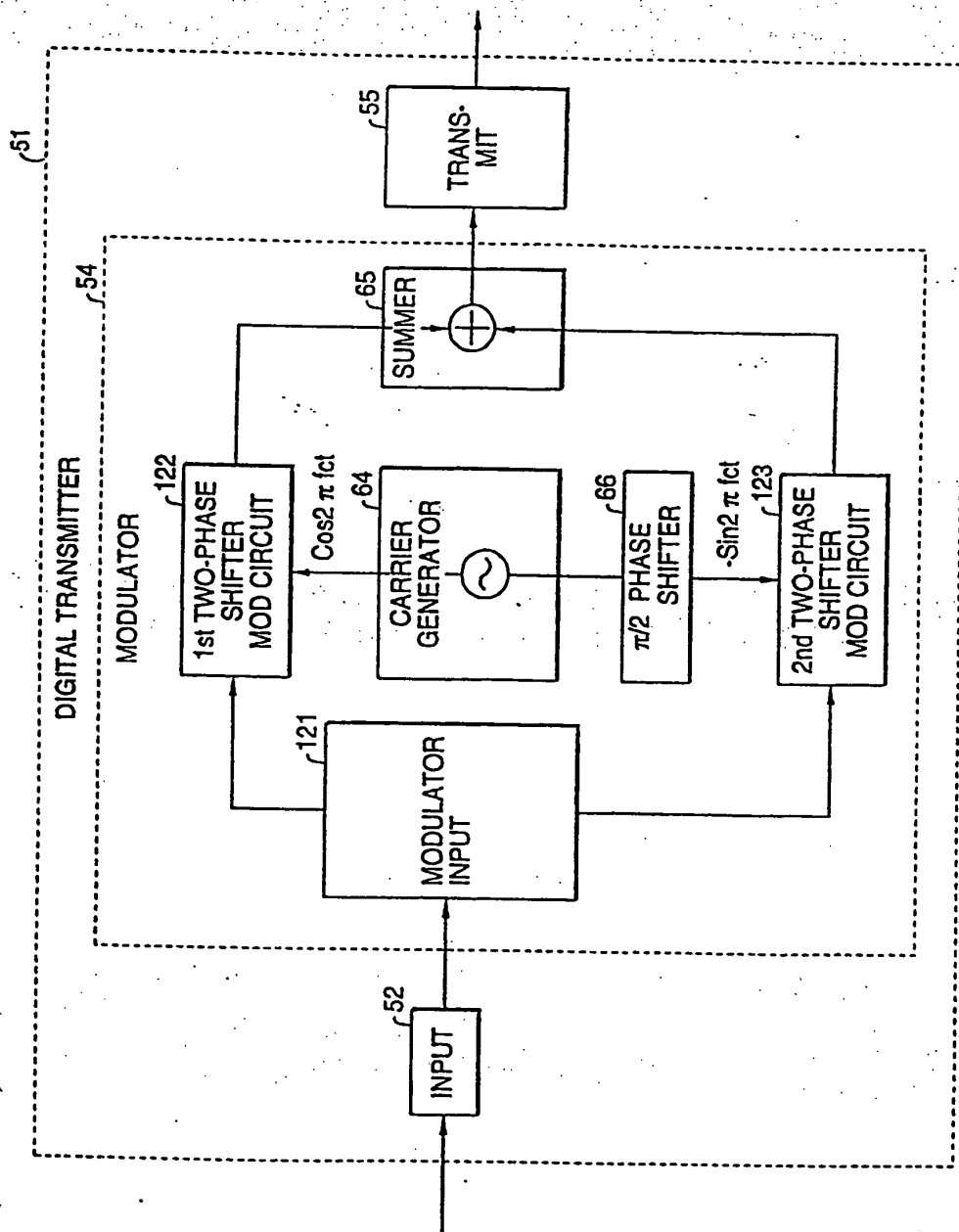
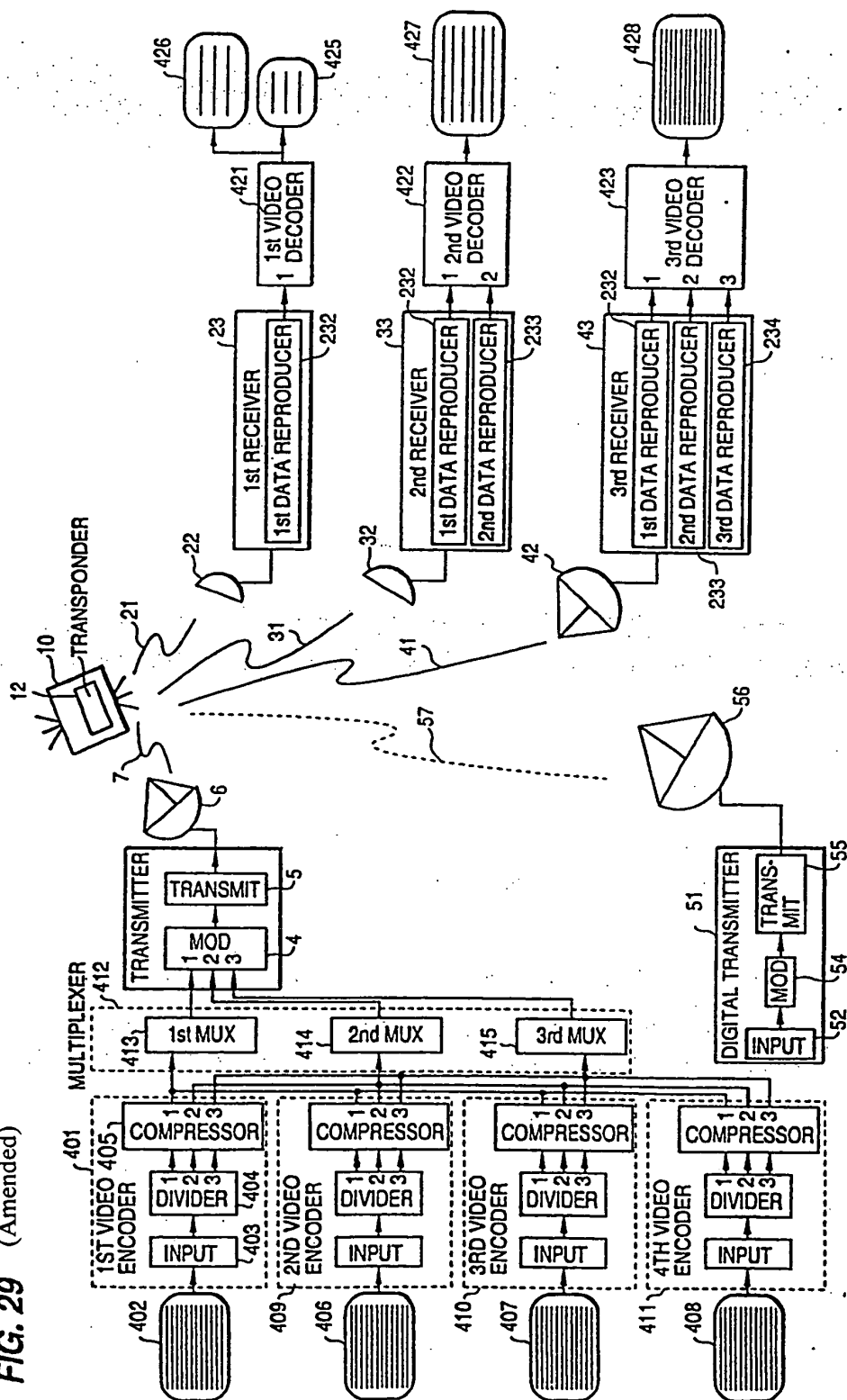


FIG. 29 (Amended)



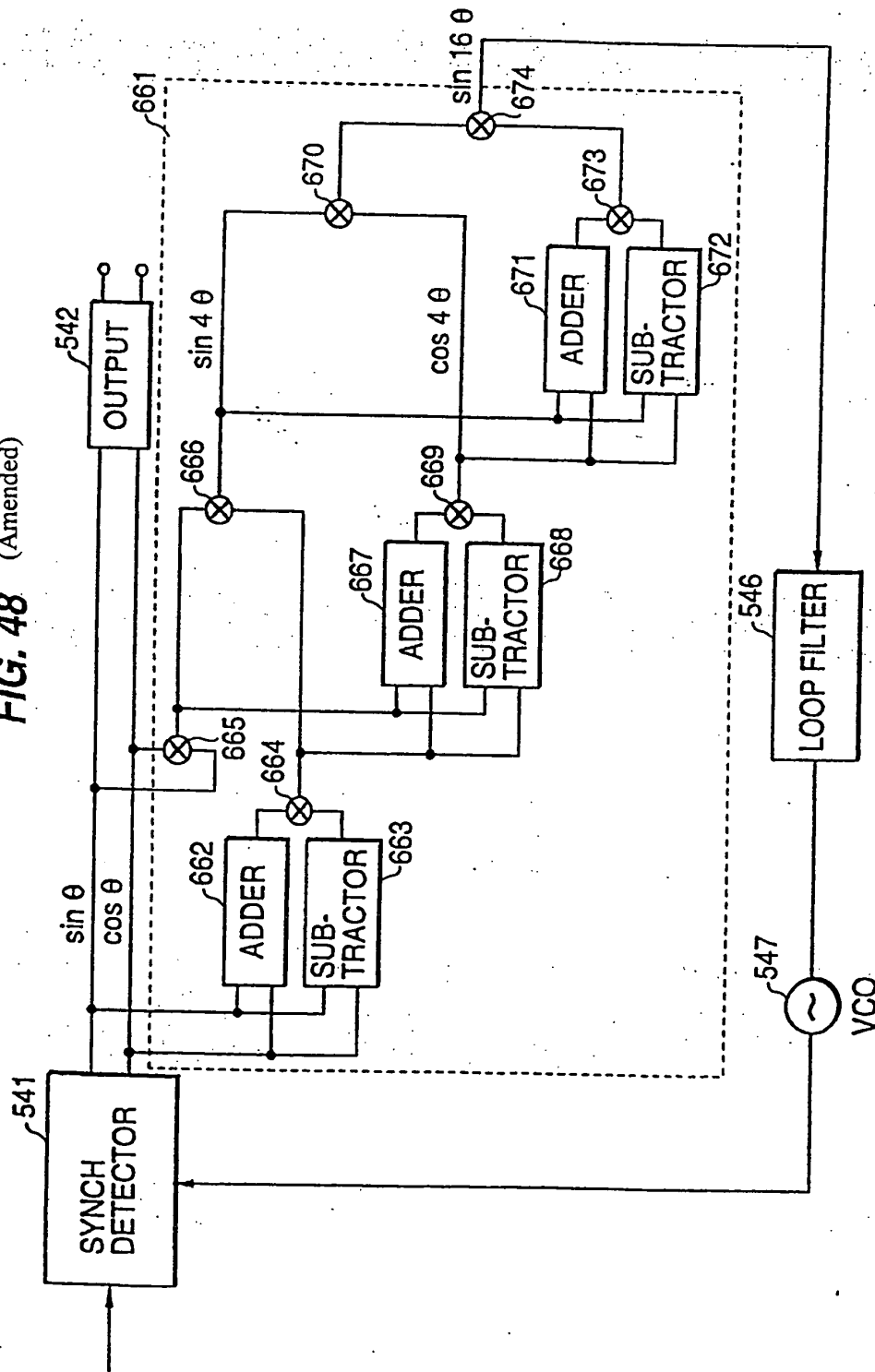


FIG. 65 (Amended)

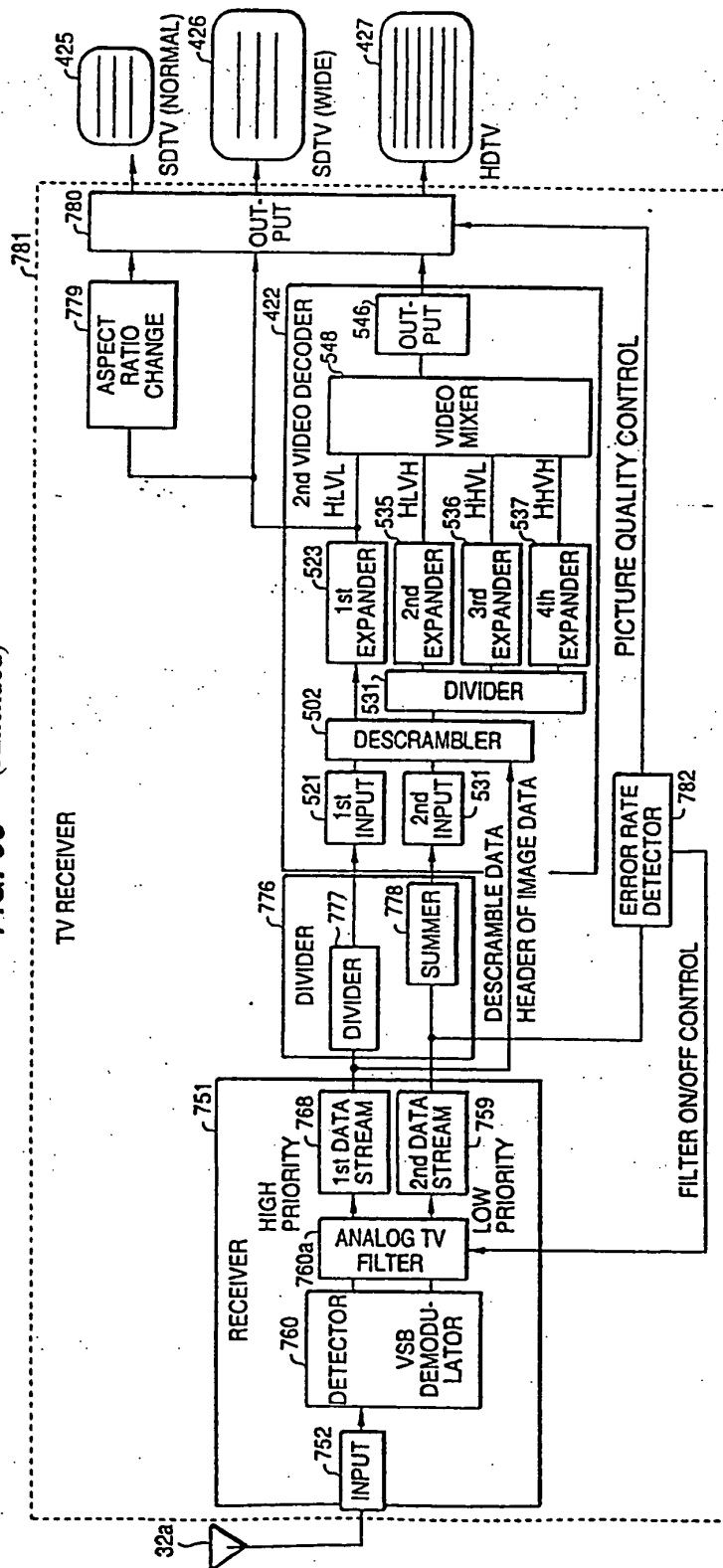




FIG. 67 (Amended)

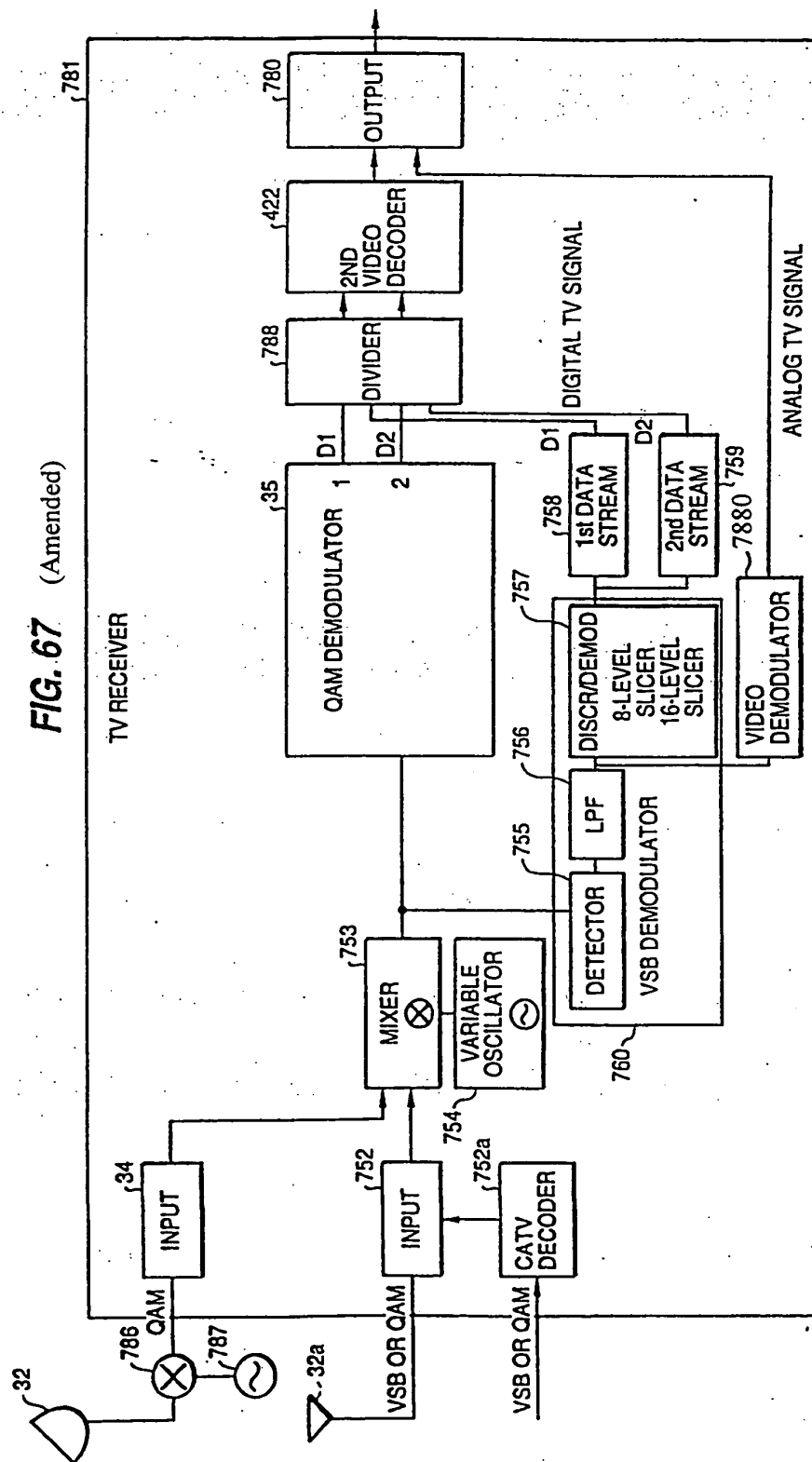




FIG. 93 (Amended)

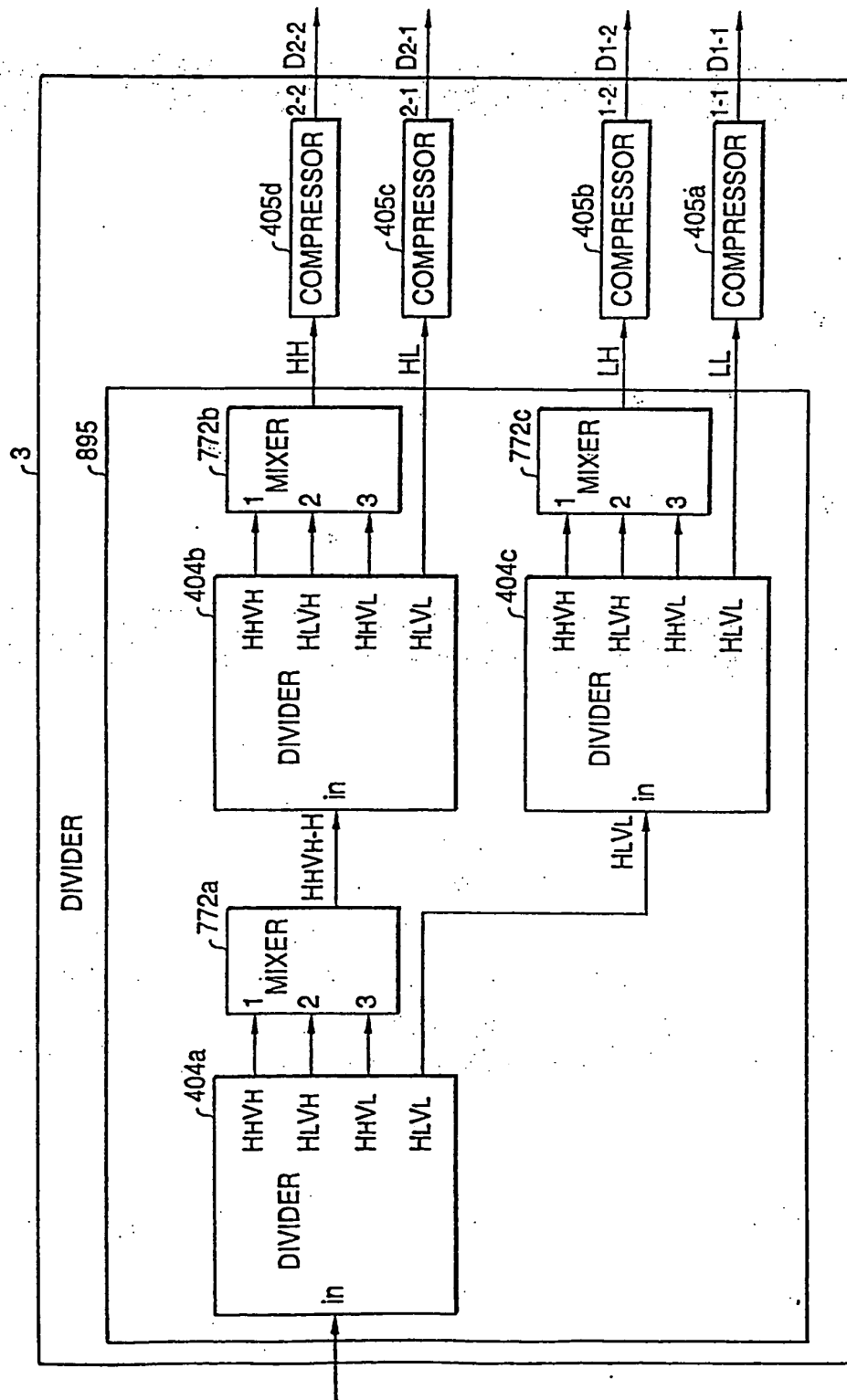
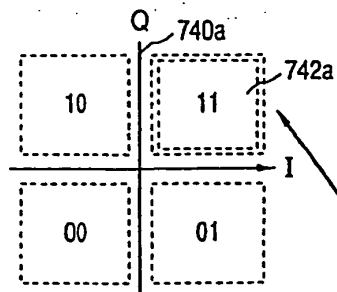


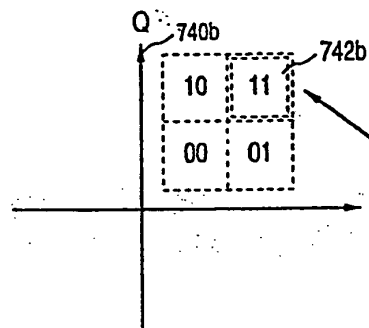


FIG. 112 (Amended)

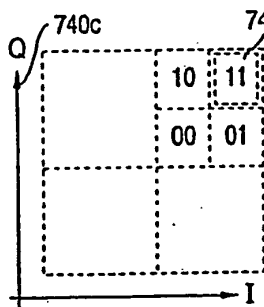
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



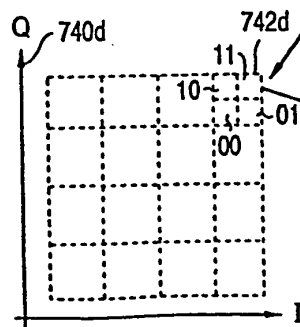
SUBCHANNEL-2 (16-SRQAM:D2 = 2bit)



SUBCHANNEL-3 (64-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (256-SRQAM:D4 = 2bit)

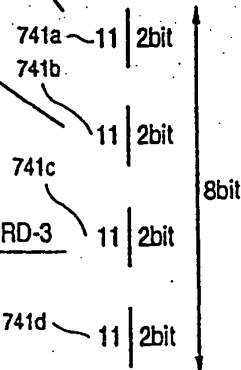


CODE WORD-1

CODE WORD-2

CODE WORD-3

CODE WORD-4



SIGNAL POINT  
CODE WORD  
11 11 11 11

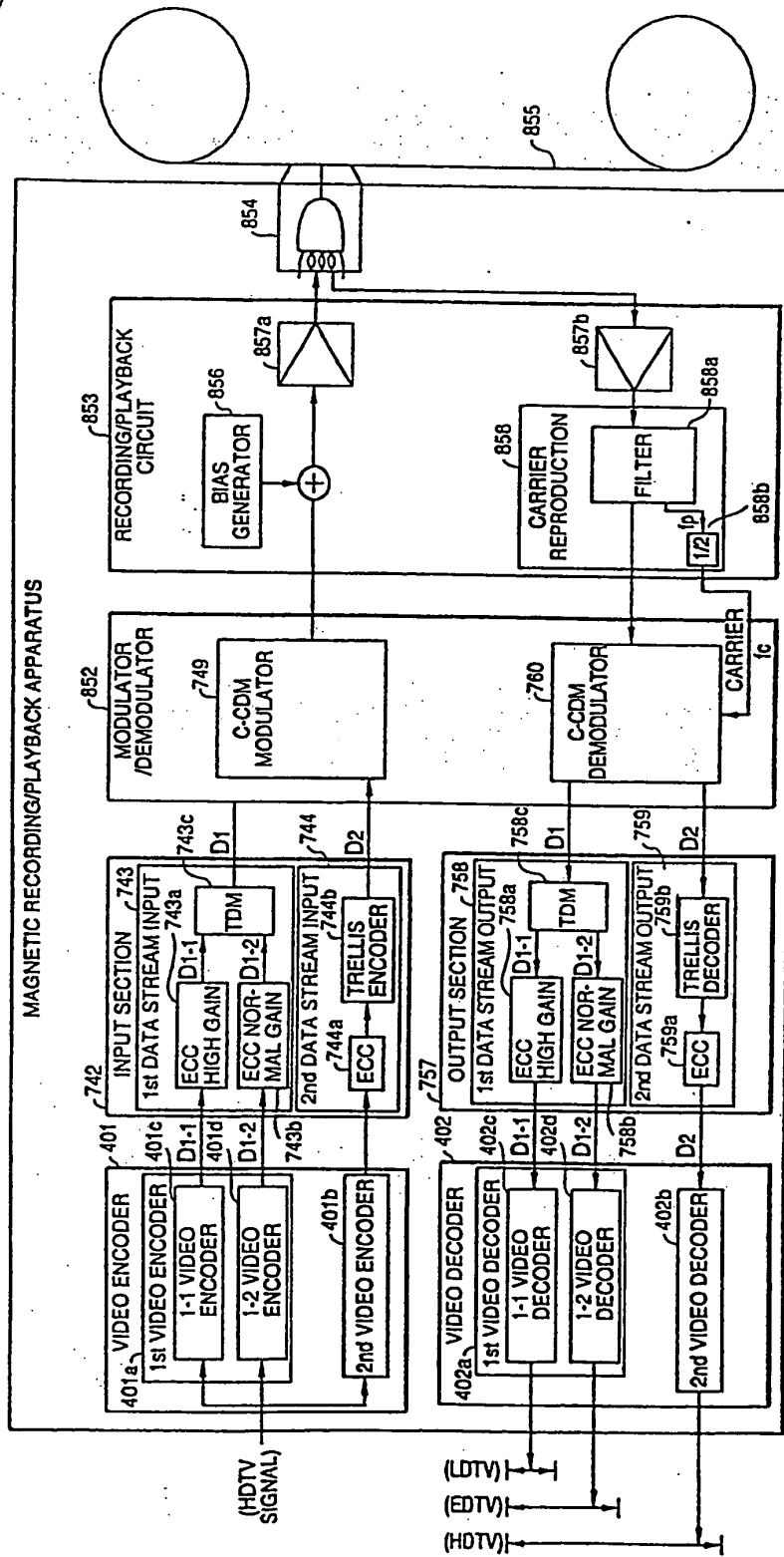




FIG. 138 (Amended)

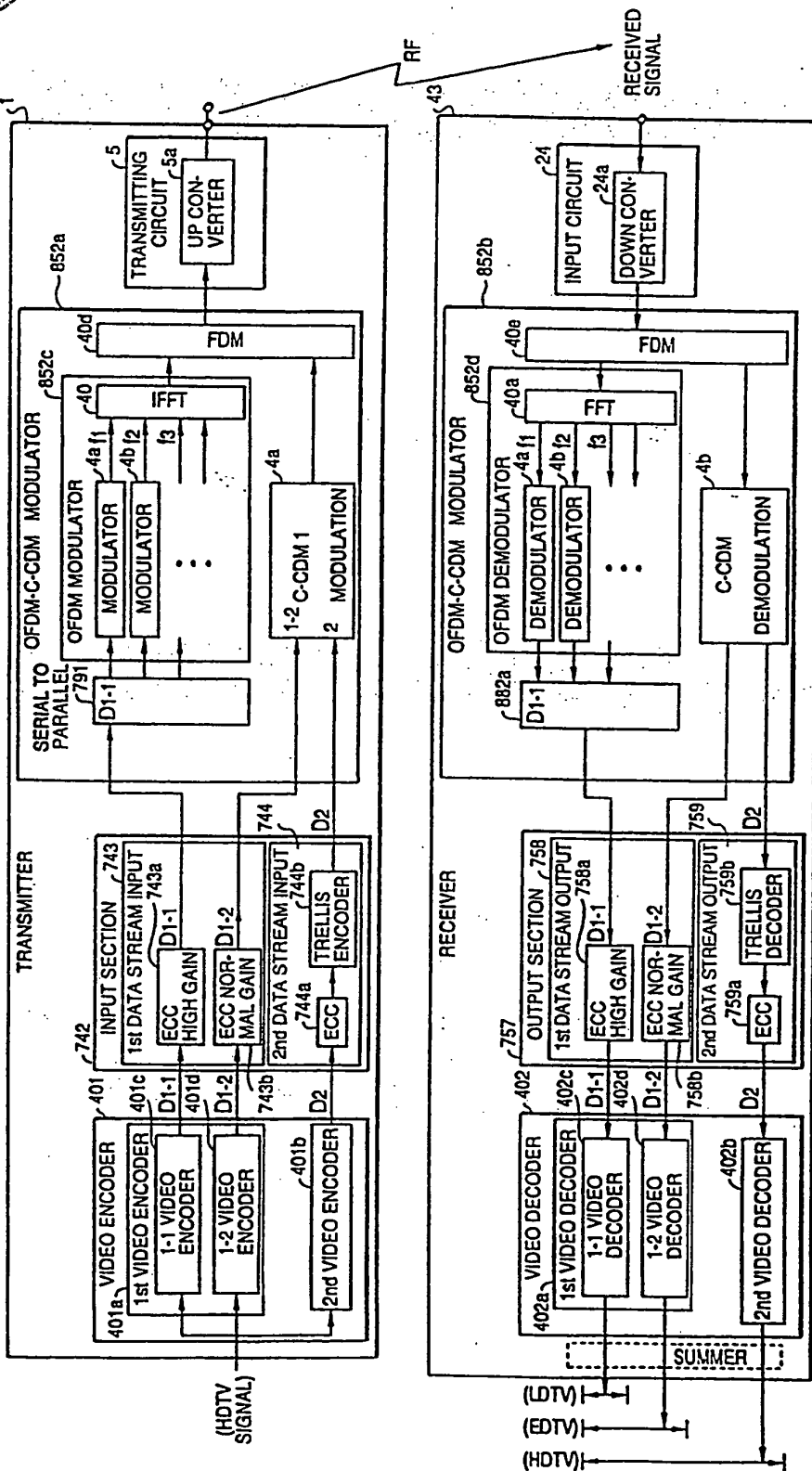
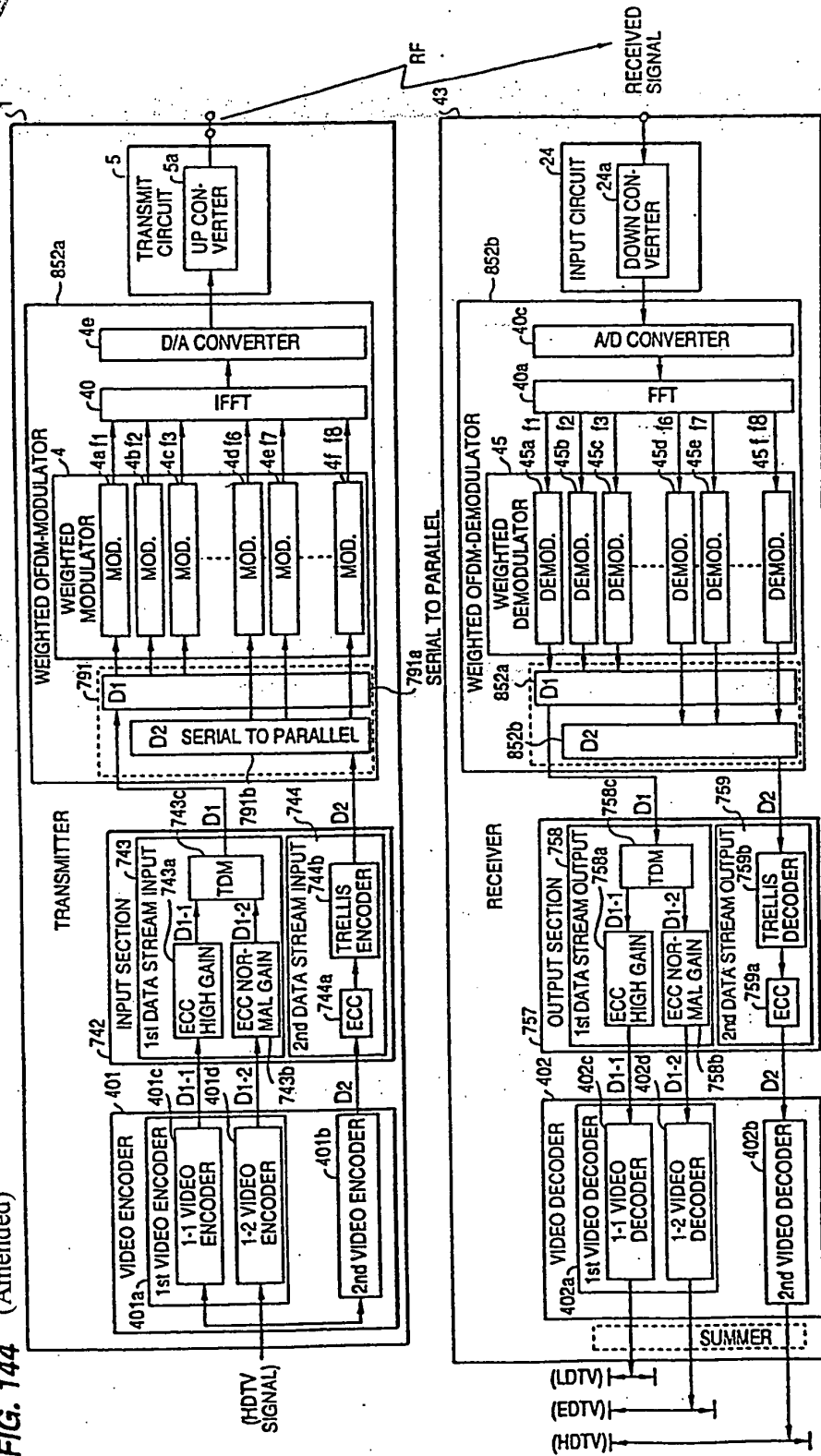




FIG. 144 (Amended)





**FIG. 169** (Amended)

COMPARISON OF REDUNDANCY

